FIG. 1

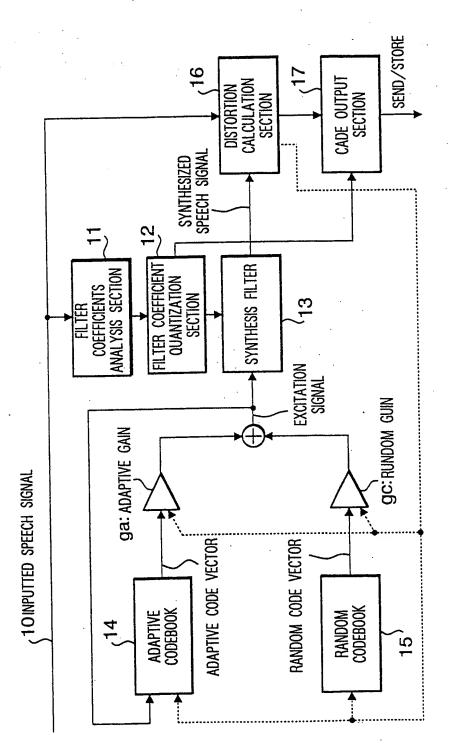


FIG. 2A

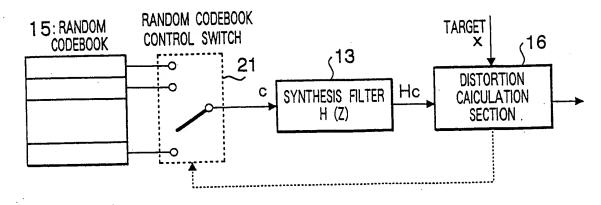


FIG. 2B 13 TARGET SYNTHESIS FILTER TIME - REVERSED TIME - REVERSED H (Z) 13) x'RANDOM CODEBOOK 15: RANDOM CODEBOOK CONTROL SWITCH Hc SYNTHESIS FILTER ₍16′ H (Z) DISTORTION С CAICULATION SECTION

FIG. 2C

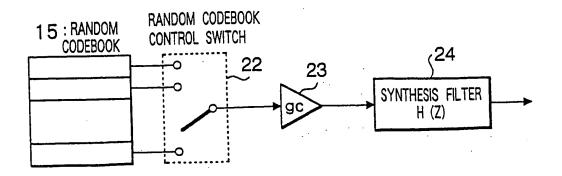


FIG. 3

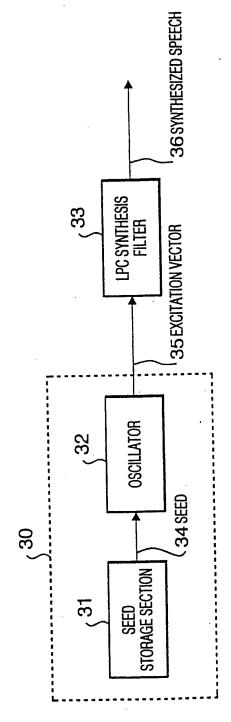


FIG. 4

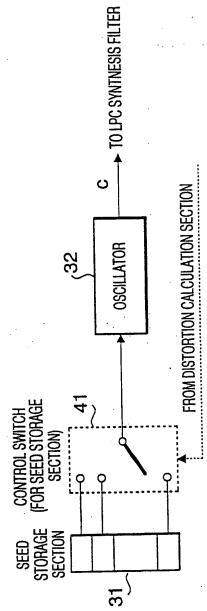
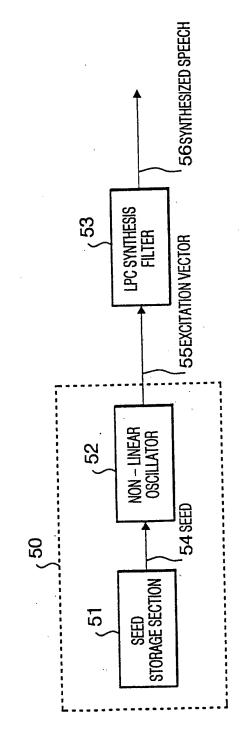


FIG. 5





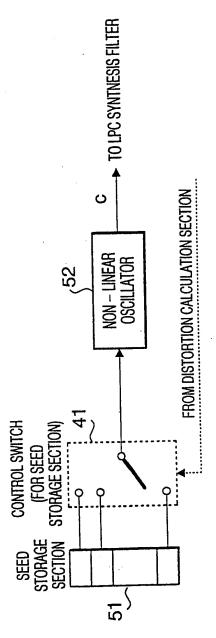


FIG. 7

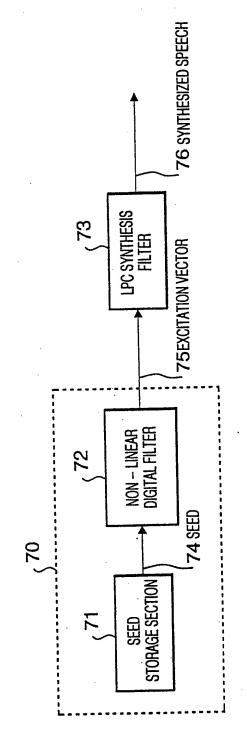


FIG. 8

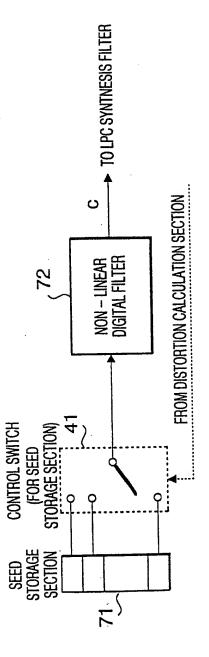


FIG. 9

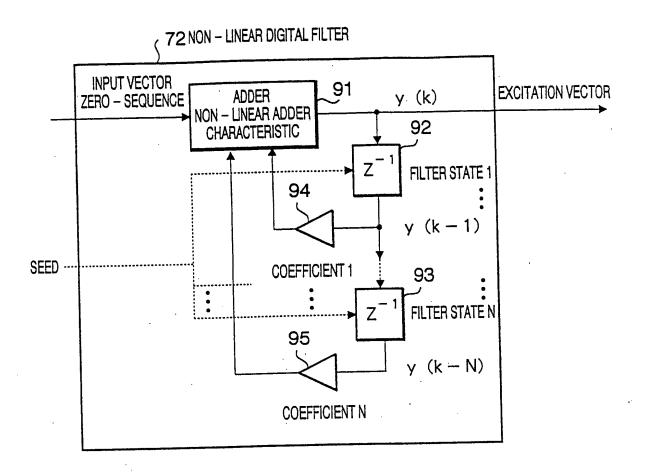


FIG. 10

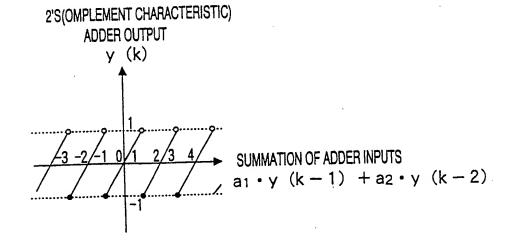


FIG. 11

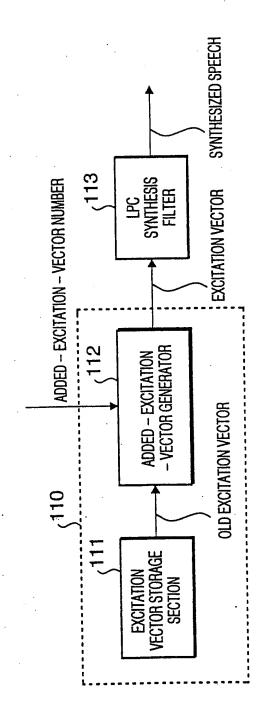
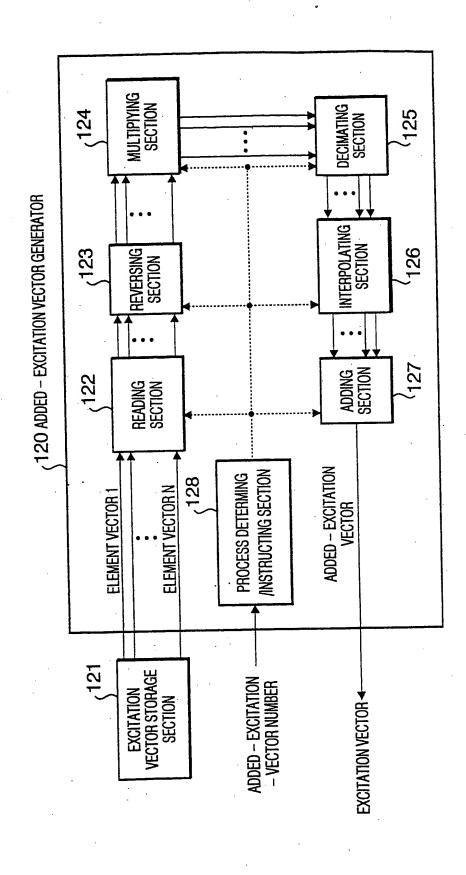
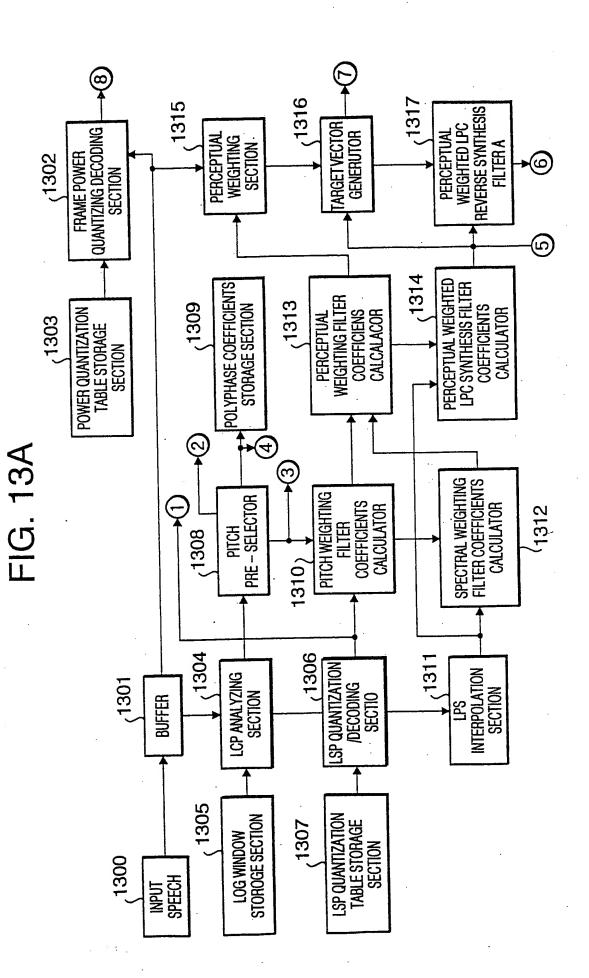
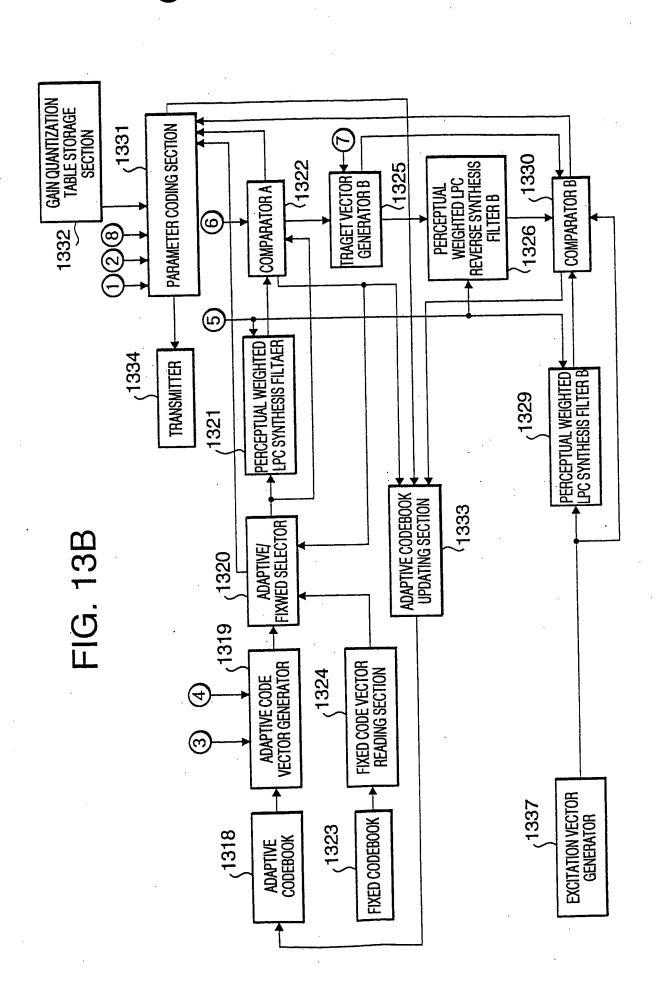


FIG. 12







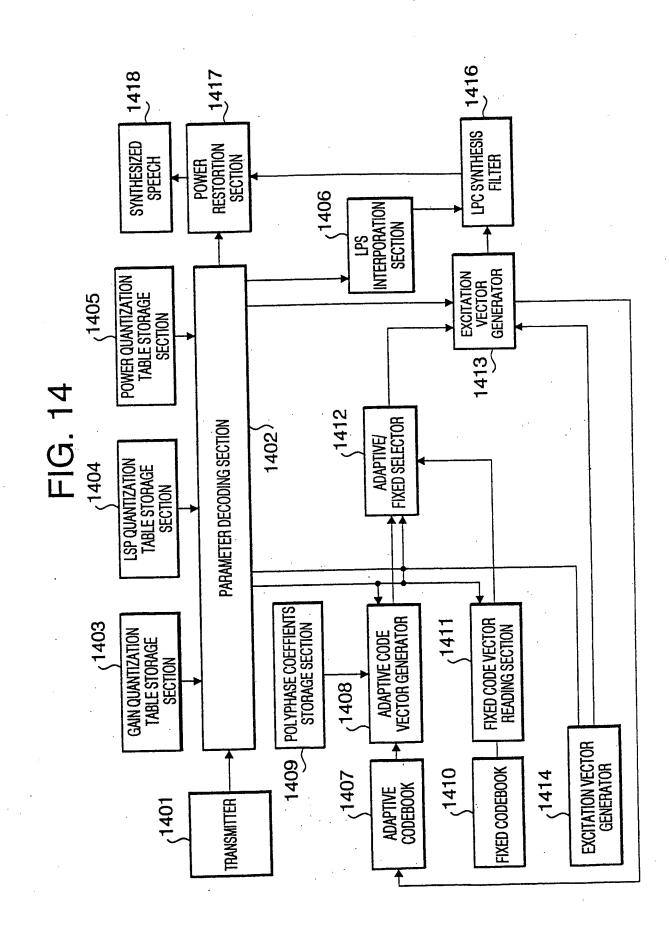


FIG. 15

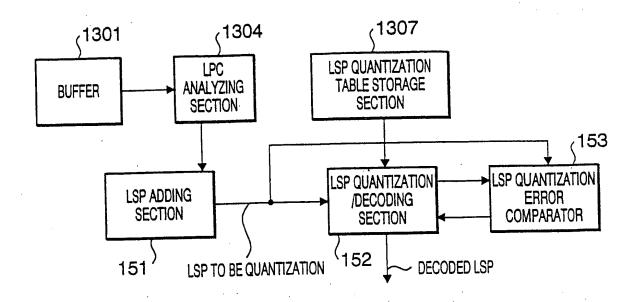


FIG. 16

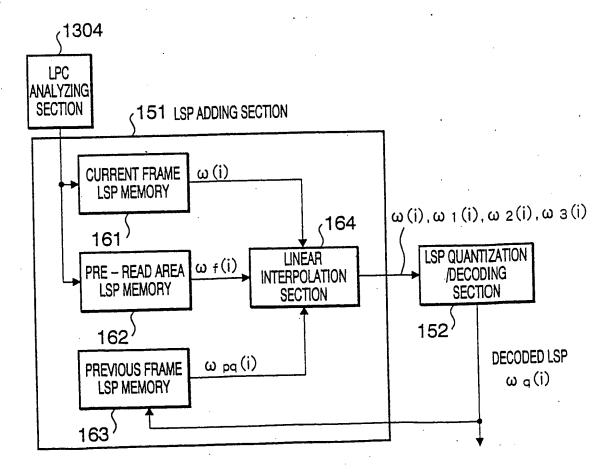


FIG. 17

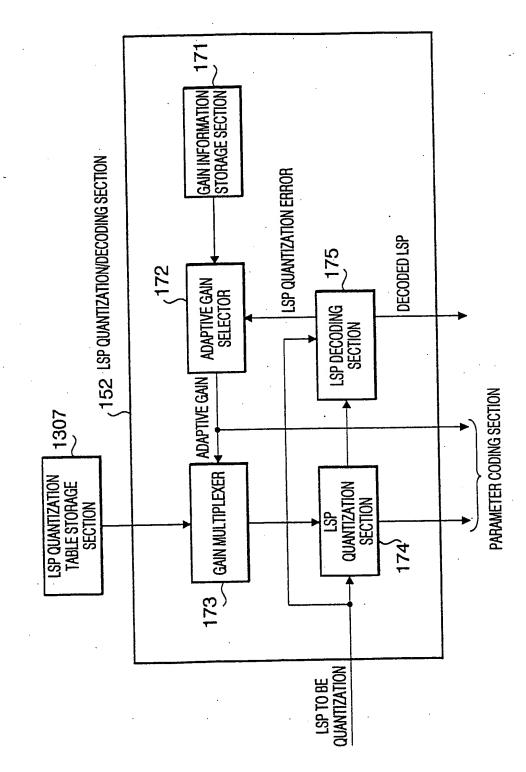
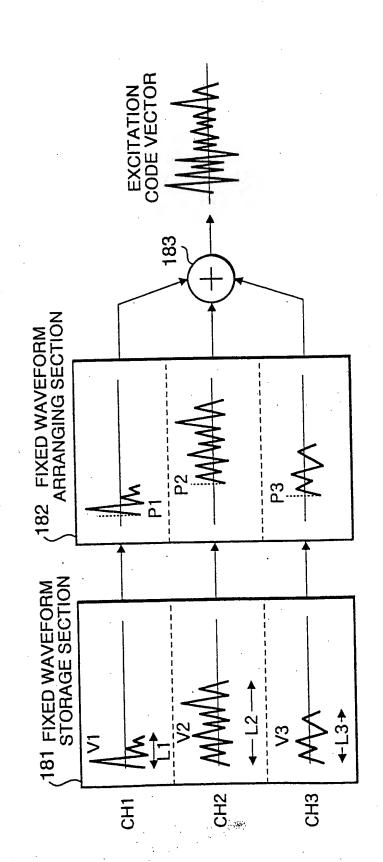


FIG. 18



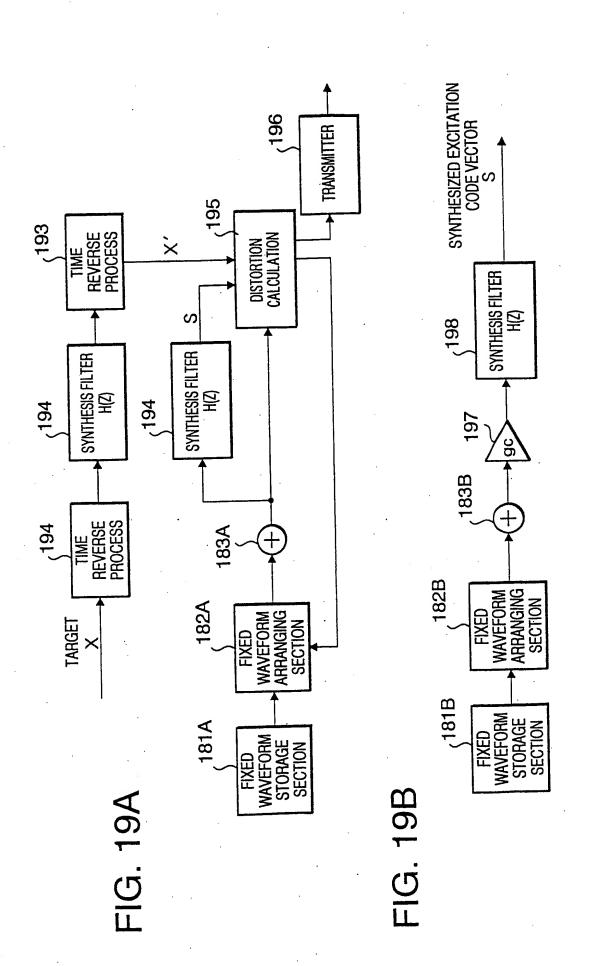


FIG. 20

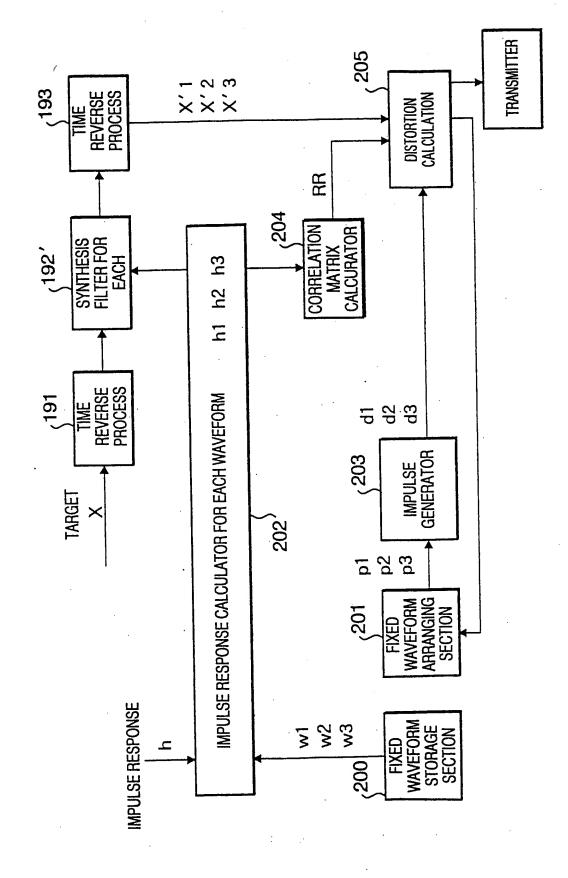


FIG. 21

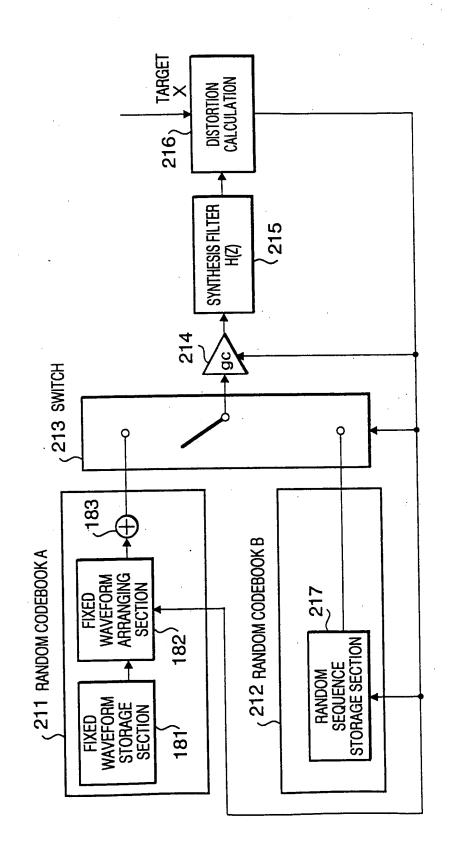


FIG. 22

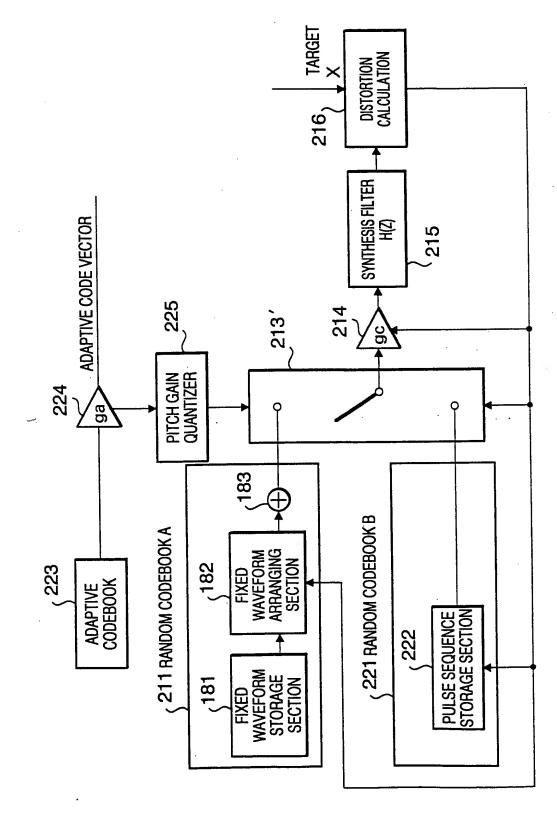
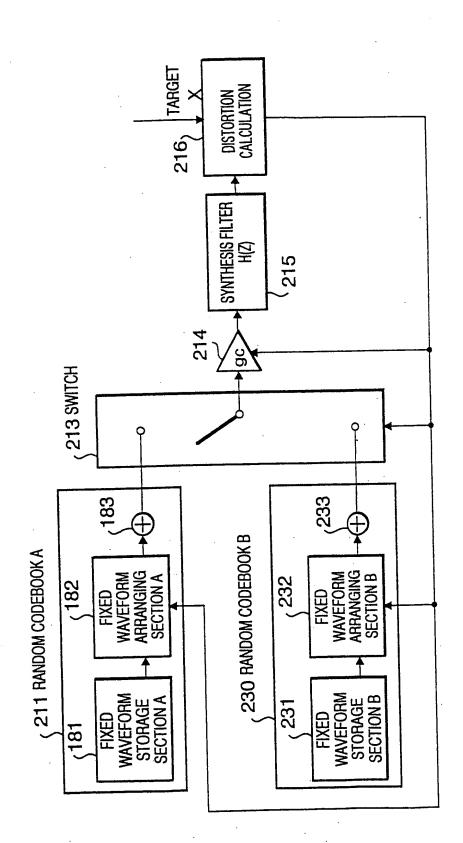


FIG. 23



PARAMETER CODING SECTION 241 COMPARATOR 247 INPUT SPEECH LPC SYNTHESIS SECTION LPC ANALYZING SECTION FIG. 24 246 (242) 245 EXCITATION
VECTOR GENERATE
SECTION EXCITATION VECTOR GENERATOR ADAPTIVE CODEBOOK

(248

(249

TRANSMITTER

244

243

FIG. 25

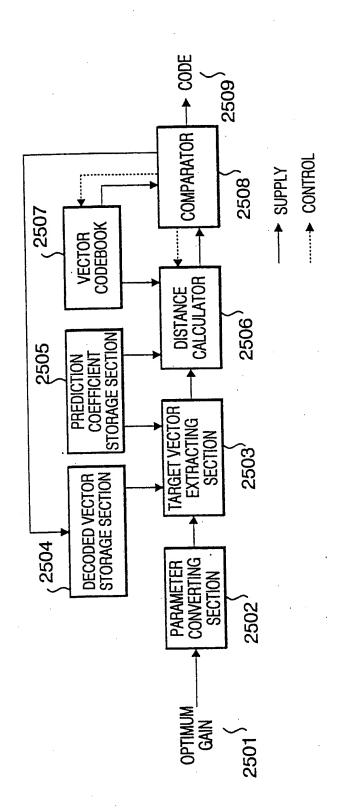


FIG. 26

